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01/10/02

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Attorney's Docket No. ASMJP.100AUS

**DECLARATION - USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled SEMICONDUCTOR SUBSTRATE-SUPPORTING APPARATUS of which was filed on October 17, 2001 as Application Serial No. 09/982,454;

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**PRIOR FOREIGN APPLICATION(S)****Priority  
Claimed**

No.: 2000-318994

Country: Japan

Date Filed: 10/19/00

Yes

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Kiyoshi Satoh

Inventor's signature

Date

November 8, 2001

Residence: 23-1, 6-chome, Nagayama, Tama-shi, Tokyo 206-0025 Japan

Citizenship: Japan

Post Office Address: Same as above

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Full name of second inventor: Hiroki Arai

Inventor's signature

H. Arai

Date

November 8, 2001

Residence: 23-1, 6-chome, Nagayama, Tama-shi, Tokyo 206-0025 Japan

Citizenship: Japan

Post Office Address: Same as above

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Send Correspondence To: Gordon H. Olson  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
Customer No. 20,995

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ASMJP.100AUS

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kiyoshi Satoh, et al.  
App. No. : 09/982,454  
Filed : October 17, 2001  
For : SEMICONDUCTOR SUBSTRATE-  
SUPPORTING APPARATUS  
Examiner : Unknown

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION  
AND  
REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, Customer No. 20,995, as its attorneys with full power of substitution and

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Filed : October 17, 2001

revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use Customer No. 20,995 for all communications.

ASM JAPAN K. K.

Dated:

November 8, 2001

By:

Akihiko Kizaki

Title: Patent Manager

Address: 23-1, 6-chome, Nagayama, Tama-shi,  
Tokyo 206-0025 Japan

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04/18/02

**Application No.: 09/982,454**  
**Filing Date: October 17, 2001**

**PATENT**  
Client Code: **ASMJP.100AUS**  
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## ASSIGNMENT

WHEREAS, We, Kiyoshi Satoh, a Japanese citizen, residing at 23-1, 6-chome, Nagayama, Tama-shi, Tokyo 206-0025 Japan, and Hiroki Arai, a Japanese, residing at 23-1, 6-chome, Nagayama, Tama-shi, Tokyo 206-0025 Japan, have invented certain new and useful improvements in a SEMICONDUCTOR SUBSTRATE-SUPPORTING APPARATUS which we have filed an application for Letters Patent in the United States on October 17, 2001 as Application Serial No. 09/982,454;

AND WHEREAS, ASM JAPAN K. K. (hereinafter "ASSIGNEE"), a Japan Corporation, with its principal place of business at 23-1, 6-chome, Nagayama, Tama-shi, Tokyo 206-0025 Japan, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize (and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

This 8 day of November, 2001

**Kiyoshi Satoh**

This 8 day of November, 2001

Hiroki Arai

**Witness**

## Witness

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